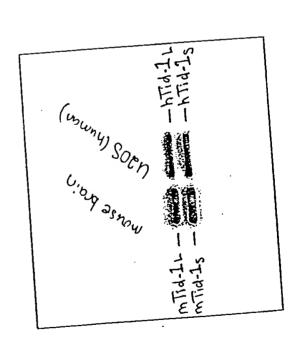


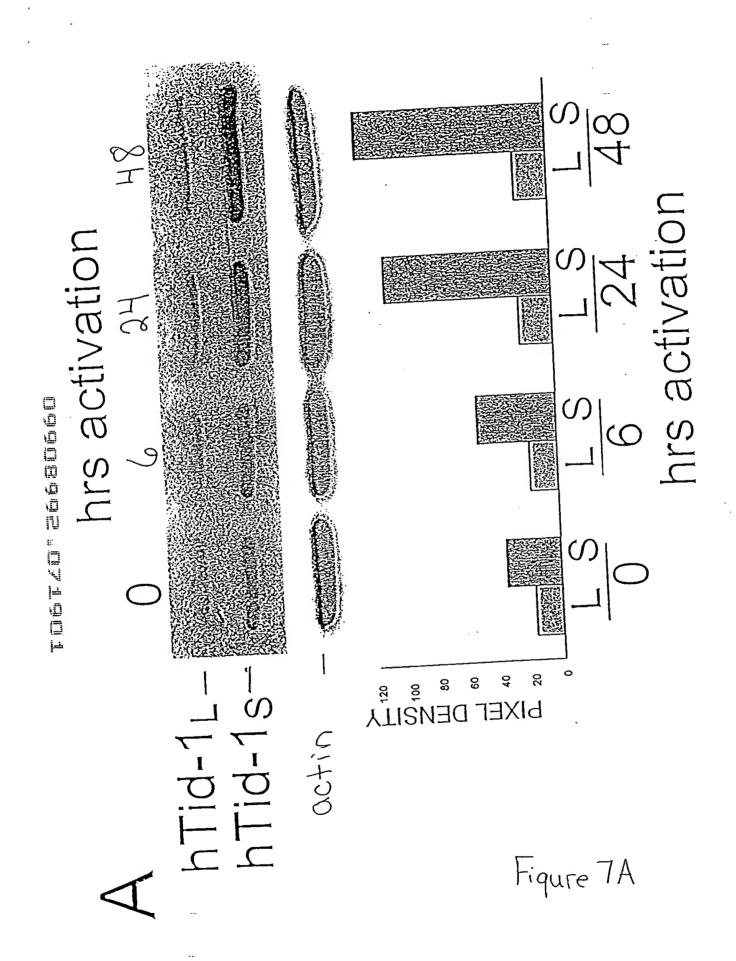
## Nucleotide sequence of coding sequence encoding hTidlL:

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## Nucleotide sequence of coding sequence encoding hTidlS:

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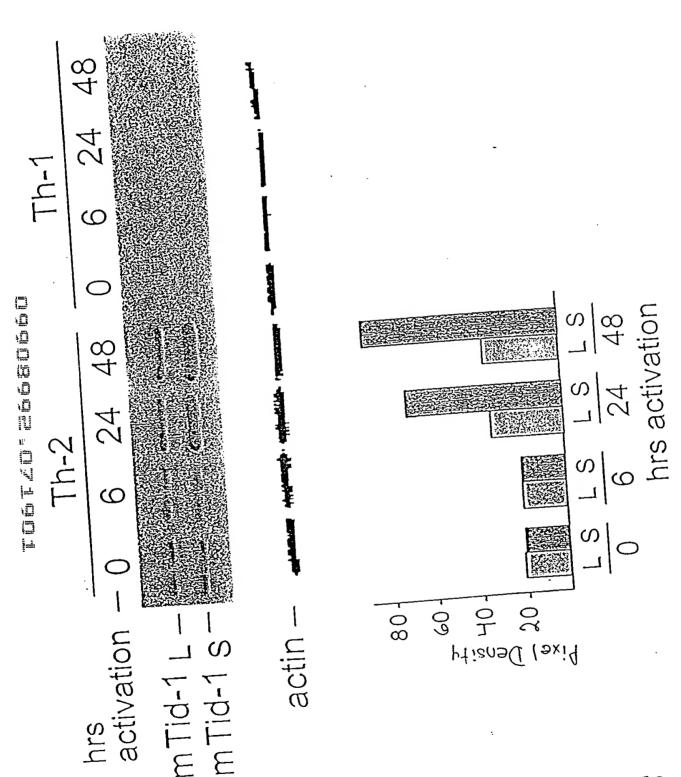


Figure 7B

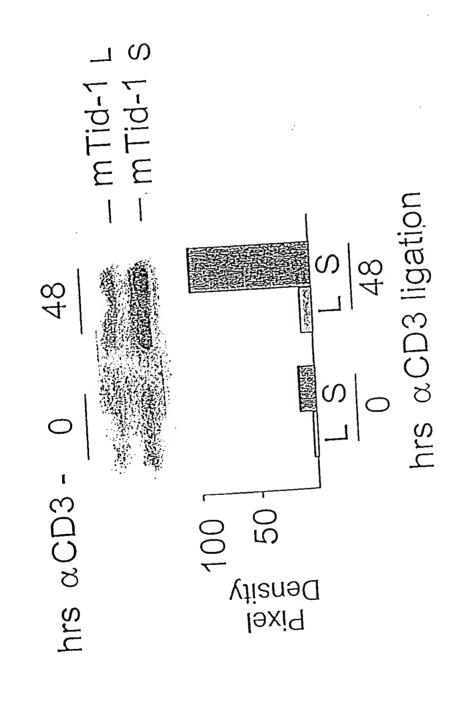


Figure 7C

Figure 7D

Hond protein

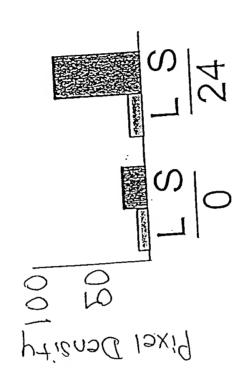
80 ug protein

mT:d-1L mT:d-1S

कू Tha/D10

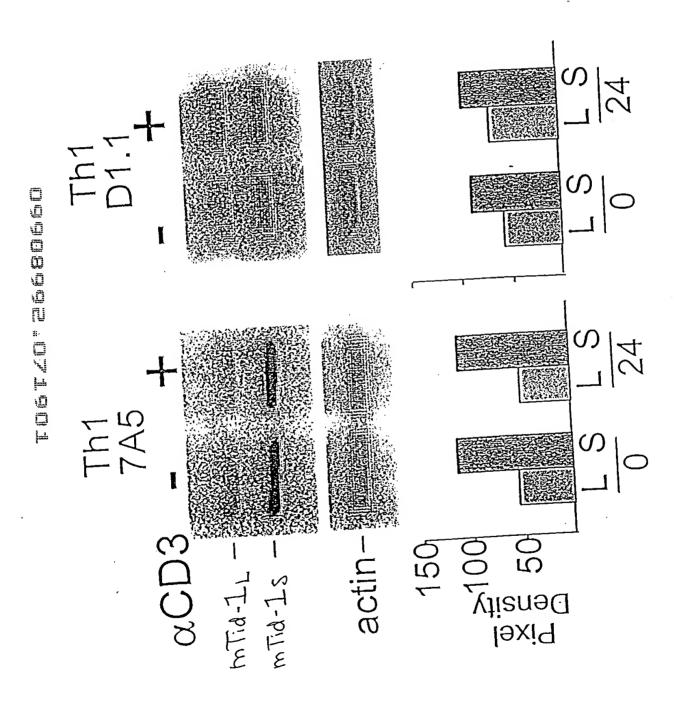
TO

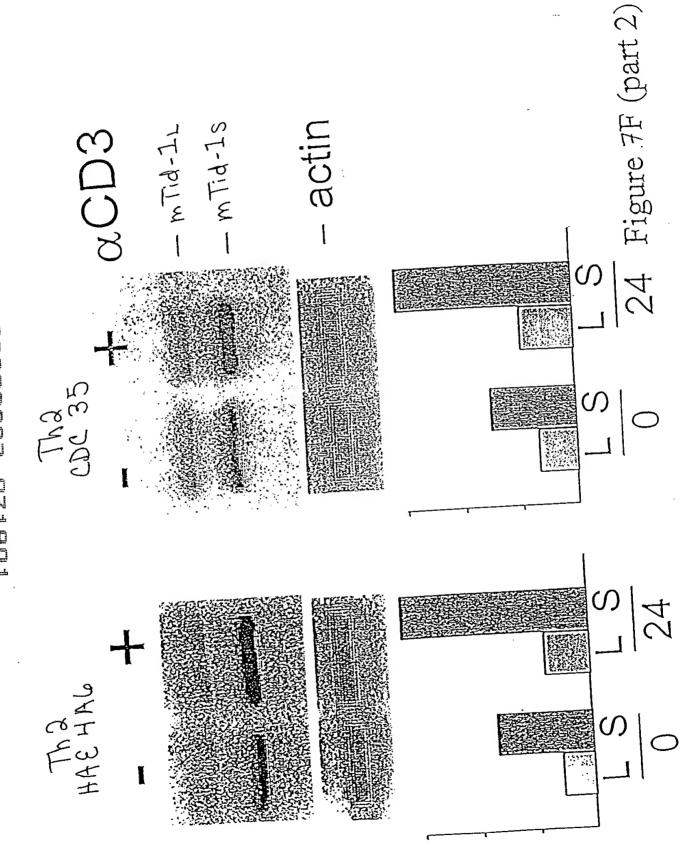
Th1/D5



DO.10.11

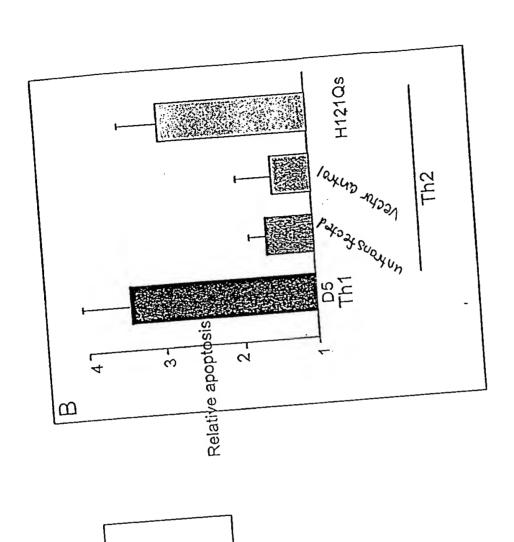
mTid-1L-mTid-1S-





control H121Qs

mTid-1s-MTId-11-



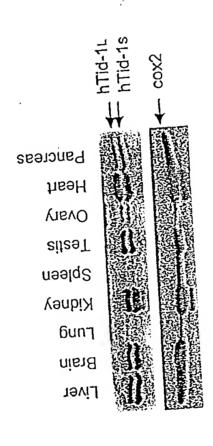
LIGUESSE "IFLEL

#### Amino acid sequence of mTid-1L:

MAAWCSPRWLRVAVGTPRLPAAAGRGVQQPQGGVVATSLCRKLCVSAFGLSMGAHGPRALLTLRPGVRLTGTKSFPFVCTTSFHTSASLAKDDYYQILGVPRNASQKDI KKAYYQLAKKYHPDTNKDDPKAKEKFSQLAEAYEVLSDEVKRKQYDAYGSAGF XXXXXXXKEFTVNIMDTCERCDGKGNEPGTKVQHCHYCGGSGMETINTGPFVMR STCRRCGGRGSIITNPCVVCRGAGQAKQKKRVTIPVPAGVEDGQTVRMPVGKREIF VTFRVQKSPVFRRTCADIHSDLFISIAQAILGGTAKAQGLYETINVTIPAGIQTDQKI RLTGKGIPRINSYGYGDHYIHIKIRVPKRLSSRQQNLILSYAEDETDVEGTVNGVTH TSTGGRTMDSSAESKDRREAGEDNEGFLSKLKKIFTS

#### Amino acid sequence of mTid-1S:

MAAWCSPRWLRVAVGTPRLPAAAGRGVQQPQGGVVATSLCRKLCVSAFGLSMG AHGPRALLTLRPGVRLTGTKSFPFVCTTSFHTSASLAKDDYYQILGVPRNASQKDI KKAYYQLAKKYHPDTNKDDPKAKEKFSQLAEAYEVLSDEVKRKQYDAYGSAGF XXXXXXKEFTVNIMDTCERCDGKGNEPGTKVQHCHYCGGSGMETINTGPFVMR STCRRCGGRGSIITNPCVVCRGAGQAKQKKRVTIPVPAGVEDGQTVRMPVGKREIF VTFRVQKSPVFRRTCADIHSDLFISIAQAILGGTAKAQGLYETINVTIPAGIQTDQKI RLTGKGIPRINSYGYGDHYIHIKIRVPKRLSSRQQNLILSYAEDETDVEGTVNGVTH TSTGKRSTGN



Expression of the TID1 proteins in different tissues - cox2 is a marker for mitochondria